

**Amendments to the Specification:**

Please replace the ABSTRACT paragraph with the following paragraph:

**ABSTRACT**

A process for fabricating a water-swellaable porous plastic plug is provided, the process including the steps of: providing a porous substrate having a plurality of passageways therethrough, disposing into the passageways a hydrophilic polymer, irradiating the substrate to induce cross-linking of the hydrophilic polymer, such that the polymer forms a hydrogel coating on the walls of the passageways.